Attorney's Docket No.: 704911-8001

Application No.: 10/573,886

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

- 1. (Previously Presented) A thermal ink which comprises a colour former, a colour developer, a sensitizer, and at least one pigment; the colour former comprising 3-dibutylamino-6-methyl-7-anilinofluoran; the colour developer comprising bisphenol A; and the sensitizer comprising dimethyl terephthalate.
- 2. (Original) A thermal ink according to claim 1, in which 3-dibutylamino-6-methyl-7-anilinofluoran is the only colour former present, and bisphenol A is the only colour developer present.
 - 3. (Previously Presented) A thermal ink according to claim 1, which is free of wax.
- 4. (Previously Presented) A thermal ink according to claim 1, in which the pigment is calcined clay, precipitated calcium carbonate, and/or silica.
- 5. (Previously Presented) A thermal ink according to claim 1, in which the particle size of solids present in the ink is less than 1.5μ .
- 6. (Currently Amended) A thermal ink according to claim 5, in which the particle size of solids present in the ink is less than $\frac{10}{1.0}\mu$.
- 7. (Previously Presented) A thermal ink according to claim 1, which also comprises polyvinyl alcohol.
- 8. (Previously Presented) A method of preparing a thermal ink comprising a colour former, a colour developer, a sensitizer, and at least one pigment, the colour former comprising 3-dibutylamino-6-methyl-7-anilinofluoran, the colour developer comprising bisphenol A, and the sensitizer comprising dimethyl terephthalate; which method comprises:

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grinding together the colour former and dimethyl terephthalate; in a separate operation, grinding together the colour developer and dimethyl terephthalate; and subsequently blending together said ground products together with a pigment.

9. and 10. (Cancelled).